

What is claimed is:

1. An automatic stop/start controller for a vehicle engine having an electric motor to drive the engine, and an automatic transmission, said automatic stop/start controller permitting said engine to stop or start without operation of an ignition key, comprising: a controller to start fuel supply to said engine after said engine is started by said electric motor and when it is determined that frictional engaging elements of said automatic transmission are engaged, in a case where said engine is started without the operation of the ignition key.

2. The automatic stop/start controller for the engine as defined in Claim 1, wherein said controller decreases the torque generated by said electric motor when the elapsed time from the beginning of the fuel supply is longer than a predetermined time.

3. The automatic stop/start controller for the engine as defined in Claim 2, wherein said electric motor performs functions of power-generating and of assisting said engine at least when the vehicle is running.

4. The automatic stop/start controller for the engine as defined in Claim 2, wherein said automatic transmission is a transmission that can change speeds by an oil pressure control.

5. The automatic stop/start controller for the engine as defined in Claim 1, wherein said electric motor performs functions of power-generating and of assisting said engine at least when the vehicle is running.

6. The automatic stop/start controller for the engine as defined in Claim 1, wherein said automatic transmission is a transmission that can change speeds by an oil pressure control.